

City of San Diego
Water Operations Division
Water Quality Laboratory

Coliform Bacteria and Turbidity Results in New Mains
For the Week of August 28 to August 31, 2006

Sample Date	Work Order Number	WAO Number	Location (Sample Station)	Laboratory/Field Analysis	Field Result	Laboratory Result	Pass/Fail
28-Aug-06		1301541	STA 11+8 SHT 4 TEMP B.O. AT THE END WATER LINE B	FREE CHLORINE	ND		Fail
28-Aug-06		1301541	STA 11+8 SHT 4 TEMP B.O. AT THE END WATER LINE B	TOTAL CHLORINE	1.4		Fail
28-Aug-06		1301541	STA 11+8 SHT 4 TEMP B.O. AT THE END WATER LINE B	PH	7.47		Fail
28-Aug-06		1301541	STA 11+8 SHT 4 TEMP B.O. AT THE END WATER LINE B	TEMPERATURE	26.1		Fail
28-Aug-06		1301541	STA 11+8 SHT 4 TEMP B.O. AT THE END WATER LINE B	E_COLI		A	Fail
28-Aug-06		1301541	STA 11+8 SHT 4 TEMP B.O. AT THE END WATER LINE B	TOTAL COLIFORM		P	Fail
28-Aug-06		1301541	STA 11+8 SHT 4 TEMP B.O. AT THE END WATER LINE B	PLATE COUNT		5	Fail
28-Aug-06		1301541	STA 11+8 SHT 4 TEMP B.O. AT THE END WATER LINE B	TURBIDITY		0.4	Fail
29-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #1	FREE CHLORINE	ND		Pass
29-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #1	TOTAL CHLORINE	2.16		Pass
29-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #1	PH	7.82		Pass
29-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #1	TEMPERATURE	26.5		Pass
29-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #1	E_COLI		A	Pass
29-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #1	TOTAL COLIFORM		A	Pass
29-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #1	PLATE COUNT		< 1.0	Pass
29-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #1	TURBIDITY		0.1	Pass
29-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #1	FREE CHLORINE	ND		Pass
29-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #1	TOTAL CHLORINE	1.87		Pass
29-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #1	PH	7.86		Pass
29-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #1	TEMPERATURE	28.5		Pass
29-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #1	E_COLI		A	Pass
29-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #1	TOTAL COLIFORM		A	Pass
29-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #1	PLATE COUNT		< 1.0	Pass
29-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #1	TURBIDITY		0.14	Pass
30-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #2	FREE CHLORINE	ND		Fail
30-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #2	TOTAL CHLORINE	2.1		Fail
30-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #2	PH	8.51		Fail
30-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #2	TEMPERATURE	27.4		Fail
30-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #2	E_COLI		A	Fail
30-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #2	TOTAL COLIFORM		A	Fail
30-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #2	PLATE COUNT		E 1600.00	Fail

EXPECTED RESULTS:

E-COLI=A=ABSENT/100ml

T-COLIFORM=A=ABSENT/100ml

PLATE COUNT<500 CFU/1ml

TURBIDITY<5.0 NTU

TOTAL CL2 = .2mg/L - 4.0 mg/L

pH = 6.5 - 8.5 ± .2

SYMBOLS:

A = ABSENT

P=PRESENT

E=ESTIMATED

< = LESS THAN

> = GREATER THAN

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30-Aug-06	188091	1287602	STA 9+22 SHT1 TEMP B.O. EAST SIDE OF BRIDGE #2	TURBIDITY		0.38	Fail
30-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #2	FREE CHLORINE	ND		Pass
30-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #2	TOTAL CHLORINE	2.07		Pass
30-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #2	PH	8.27		Pass
30-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #2	TEMPERATURE	24.8		Pass
30-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #2	E_COLI		A	Pass
30-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #2	TOTAL COLIFORM		A	Pass
30-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #2	PLATE COUNT		< 1.0	Pass
30-Aug-06	425614	1301809	STA 16+78.5 SHT10 33rd ST & PALM #2	TURBIDITY		0.11	Pass

EXPECTED RESULTS:

E-COLI=A=ABSENT/100ml
T-COLIFORM=A=ABSENT/100ml
PLATE COUNT<500 CFU/1ml
TURBIDITY<5.0 NTU
TOTAL CL2 = .2mg/L - 4.0 mg/L
pH = 6.5 - 8.5 ± .2

SYMBOLS:

A = ABSENT
P=PRESENT
E=ESTIMATED
< = LESS THAN
> = GREATER THAN